

February 24, 2005

Ms. Joan Fleck
North Coast Regional Water Quality Control Board
5550 Skylane Boulevard, Suite A
Santa Rosa, California 95403

Re: **Domestic Well Sampling Results**
Shell-branded Service Station
2005 Guerneville Road
Santa Rosa, California
SAP Code 136090
Incident No. 98996132
RWQCB Case No. ITSR277



Dear Ms. Fleck:

Please find attached the analytical results for recent domestic well sampling activities conducted at 2061 Marlow Road, Santa Rosa, California. Sampling activities were performed in accordance with Regional Water Quality Control Board (RWQCB) requirements and are associated with ongoing site investigation and remediation activities at the referenced site. As previously discussed the analytical results indicated that 0.56 parts per billion (ppb) methyl tertiary butyl ether (MTBE) was detected in the groundwater samples collected from the well on February 7, 2005.

The method reporting limit for MTBE is 0.5 ppb. The State of California drinking water Secondary Maximum Contaminant Level (MCL) for MTBE is 5 ppb and the State of California Department of Health Services Drinking Water Action Level (DWAL) for MTBE is 13 ppb. The MTBE concentration detected in the groundwater samples collected from the well is below the State of California MCL and DWAL for MTBE. Based on the MCL and DWAL, this low level detection of MTBE does not pose a health risk.

Because the MTBE concentration was nearly equal to the method reporting limit, it is possible that the detected concentration may be attributable to sampling or laboratory error. Cambria will continue to collect groundwater samples from the well on a monthly basis.

**Cambria
Environmental
Technology, Inc.**

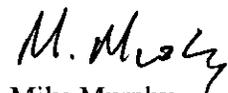
270 Perkins Street
P.O. Box 259
Sonoma, CA 95476
Tel (707) 935-4850
Fax (707) 935-6649

C A M B R I A

CLOSING

If you have any questions regarding the contents of this document, please call Mike Murphy at (707) 933-2367.

Sincerely,
Cambria Environmental Technology, Inc.



Mike Murphy
Project Manager



Attachments:

Certified Analytical Reports

cc: Mr. Denis Brown, Shell
Ms. Corinne Rees, Property Owner
Tenant, 2061 Marlow Road

Cambria Environmental Emeryville

February 21, 2005

5900 Hollis Street, Ste. A
Emeryville, CA 94608

Attn.: Trey Jackson

Project#: 247-0815-003

Project: 98996132

Site: 2005 Guerneville Road, Santa Rosa

Attached is our report for your samples received on 02/07/2005 15:45

This report has been reviewed and approved for release. Reproduction of this report is permitted only in its entirety.

Please note that any unused portion of the samples will be discarded after 03/24/2005 unless you have requested otherwise.

We appreciate the opportunity to be of service to you. If you have any questions,

You can also contact me via email. My email address is: mbrewer@stl-inc.com

Sincerely,



Melissa Brewer
Project Manager

Diesel (C9-C24)

Cambria Environmental Emeryville

Attn.: Trey Jackson

5900 Hollis Street, Ste. A

Emeryville, CA 94608

Phone: (510) 420-3341 Fax: (510) 420-9170

Project: 247-0815-003

98996132

Received: 02/07/2005 15:45

Site: 2005 Guerneville Road, Santa Rosa

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
2061	02/07/2005 13:30	Water	2

Diesel (C9-C24)

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Phone: (510) 420-3341 Fax: (510) 420-9170

Project: 247-0815-003

98996132

Received: 02/07/2005 15:45

Site: 2005 Guerneville Road, Santa Rosa

Prep(s): 3511	Test(s): 8015M
Sample ID: 2061	Lab ID: 2005-02-0293 - 2
Sampled: 02/07/2005 13:30	Extracted: 2/15/2005 10:41
Matrix: Water	QC Batch#: 2005/02/15-04.10

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Diesel	ND	50	ug/L	1.00	02/16/2005 17:16	
Surrogate(s) o-Terphenyl	116.3	78-177	%	1.00	02/16/2005 17:16	

Diesel (C9-C24)

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Emeryville, CA 94608
Phone: (510) 420-3341 Fax: (510) 420-9170

Project: 247-0815-003
98996132

Received: 02/07/2005 15:45

Site: 2005 Guerneville Road, Santa Rosa

Batch QC Report					
Prep(s): 3511		Test(s): 8015M			
Method Blank		Water		QC Batch # 2005/02/15-04.10	
MB: 2005/02/15-04.10-001			Date Extracted: 02/15/2005 10:41		
Compound	Conc.	RL	Unit	Analyzed	Flag
Diesel	ND	50	ug/L	02/16/2005 13:44	
Surrogates(s) o-Terphenyl	98.5	78-177	%	02/16/2005 13:44	

Diesel (C9-C24)

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98996132

Received: 02/07/2005 15:45

Site: 2005 Guerneville Road, Santa Rosa

Batch QC Report										
Prep(s): 3511						Test(s): 8015M				
Laboratory Control Spike			Water			QC Batch # 2005/02/15-04.10				
LCS	2005/02/15-04.10-002		Extracted: 02/15/2005			Analyzed: 02/16/2005 14:11				
LCSD	2005/02/15-04.10-003		Extracted: 02/15/2005			Analyzed: 02/16/2005 14:38				
Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Diesel	622	601	680	91.5	88.4	3.4	60-150	25		
Surrogates(s) o-Terphenyl	1.31	1.32	1.25	104.9	106.0		78-177	0		

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

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Project: 247-0815-003

98996132

Received: 02/07/2005 15:45

Site: 2005 Guerneville Road, Santa Rosa

Samples Reported

Sample Name	Date Sampled	Matrix	Lab #
2061	02/07/2005 13:35	Water	1

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

Cambria Environmental Emeryville

Attn.: Trey Jackson

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Site: 2005 Guerneville Road, Santa Rosa

Prep(s): 5030B	Test(s): 8260B
Sample ID: 2061	Lab ID: 2005-02-0293 - 1
Sampled: 02/07/2005 13:35	Extracted: 2/18/2005 02:40
Matrix: Water	QC Batch#: 2005/02/17-2C.62

Compound	Conc.	RL	Unit	Dilution	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	1.00	02/18/2005 02:40	
Benzene	ND	0.50	ug/L	1.00	02/18/2005 02:40	
Toluene	ND	0.50	ug/L	1.00	02/18/2005 02:40	
Ethylbenzene	ND	0.50	ug/L	1.00	02/18/2005 02:40	
Total xylenes	ND	1.0	ug/L	1.00	02/18/2005 02:40	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	1.00	02/18/2005 02:40	
Methyl tert-butyl ether (MTBE)	0.56	0.50	ug/L	1.00	02/18/2005 02:40	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	1.00	02/18/2005 02:40	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	1.00	02/18/2005 02:40	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	1.00	02/18/2005 02:40	
Surrogate(s)						
1,2-Dichloroethane-d4	106.7	73-130	%	1.00	02/18/2005 02:40	
Toluene-d8	100.6	81-114	%	1.00	02/18/2005 02:40	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

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Site: 2005 Guerneville Road, Santa Rosa

Batch QC Report

Prep(s): 5030B

Test(s): 8260B

Method Blank

Water

QC Batch # 2005/02/17-2C.62

MB: 2005/02/17-2C.62-009

Date Extracted: 02/17/2005 17:09

Compound	Conc.	RL	Unit	Analyzed	Flag
Gasoline [Shell]	ND	50	ug/L	02/17/2005 17:09	
tert-Butyl alcohol (TBA)	ND	5.0	ug/L	02/17/2005 17:09	
Methyl tert-butyl ether (MTBE)	ND	0.5	ug/L	02/17/2005 17:09	
Di-isopropyl Ether (DIPE)	ND	2.0	ug/L	02/17/2005 17:09	
Ethyl tert-butyl ether (ETBE)	ND	2.0	ug/L	02/17/2005 17:09	
tert-Amyl methyl ether (TAME)	ND	2.0	ug/L	02/17/2005 17:09	
Benzene	ND	0.5	ug/L	02/17/2005 17:09	
Toluene	ND	0.5	ug/L	02/17/2005 17:09	
Ethylbenzene	ND	0.5	ug/L	02/17/2005 17:09	
Total xylenes	ND	1.0	ug/L	02/17/2005 17:09	
Surrogates(s)					
1,2-Dichloroethane-d4	103.6	73-130	%	02/17/2005 17:09	
Toluene-d8	98.6	81-114	%	02/17/2005 17:09	

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

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Site: 2005 Guerneville Road, Santa Rosa

Batch QC Report									
Prep(s): 5030B					Test(s): 8260B				
Laboratory Control Spike			Water			QC Batch # 2005/02/17-2C.62			
LCS	2005/02/17-2C.62-043		Extracted: 02/17/2005			Analyzed: 02/17/2005 16:43			
LCSD									

Compound	Conc. ug/L		Exp.Conc.	Recovery %		RPD	Ctrl.Limits %		Flags	
	LCS	LCSD		LCS	LCSD		%	Rec.	RPD	LCS
Methyl tert-butyl ether (MTBE)	26.9		25	107.6			65-165	20		
Benzene	22.6		25	90.4			69-129	20		
Toluene	24.8		25	99.2			70-130	20		
Surrogates(s)										
1,2-Dichloroethane-d4	502		500	100.4			73-130			
Toluene-d8	538		500	107.6			81-114			

Gas/BTEX Fuel Oxygenates by 8260B (C6-C12)

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Batch QC Report											
Prep(s): 5030B						Test(s): 8260B					
Matrix Spike (MS / MSD)				Water				QC Batch # 2005/02/17-2C.62			
MS/MSD						Lab ID: 2005-02-0264 - 004					
MS: 2005/02/17-2C.62-040			Extracted: 02/17/2005			Analyzed: 02/17/2005 20:40			Dilution: 1.00		
MSD: 2005/02/17-2C.62-005			Extracted: 02/17/2005			Analyzed: 02/17/2005 21:05			Dilution: 1.00		

Compound	Conc. ug/L			Spk.Level	Recovery %			Limits %		Flags	
	MS	MSD	Sample		ug/L	MS	MSD	RPD	Rec.	RPD	MS
Methyl tert-butyl ether	32.8	31.0	ND	25	131.2	124.0	5.6	65-165	20		
Benzene	28.5	28.7	ND	25	114.0	114.8	0.7	69-129	20		
Toluene	29.9	30.4	ND	25	119.6	121.6	1.7	70-130	20		
Surrogate(s)											
1,2-Dichloroethane-d4	543	536		500	108.6	107.2		73-130			
Toluene-d8	521	528		500	104.2	105.6		81-114			

